BRUHATH BANGALORE MAHANAGARA PALIKE
Byatarayanapura Division

Name of the work: Improvements to Roads and Drains at Yashodha Nagar,Jakkur Plantation and Surrounding Areas in Ward No 7 Thanisandra, Byatarayanapura Sub Divison.

Bruhat Bengaluru Mahanagara Palike

Bytarayanapura Division

Code :- 007-16-000035,007-16-000036,007-16-000037,007-16-000038,007-16-000039,007-16-000040,008-16-000033,008-16-034,008-16-000035, 26621

ne of Agency :- M/s.Ram and Company

No :- 4th and Part Bill

ne Of work : - Improvements to Roads and Drains at Yashodha Nagar,Jakkur Plantation and rounding Areas in Ward No 7 Thanisandra, Byatarayanapura Sub Divison.

Description Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
KSRRB M300-1. Earth work excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface levelled and sides neately dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specification. MORTH / Chapter 3 (P.No.142, I.No.19.1 of PW, P&IWTD SR 2016-17)										
Jakkur Plantation Road										
LHS										
0.00	15.00	L/S	1.00	15.00			0.70	0.50	5.25	**BS Slab Drain**
15.00	30.00	L/S	1.00	15.00			0.70	0.50	5.25	
30.00	45.00	L/S	1.00	15.00			0.70	0.50	5.25	
45.00	60.00	L/S	1.00	15.00			0.70	0.50	5.25	
60.00	75.00	L/S	1.00	15.00			0.70	0.50	5.25	
75.00	90.00	L/S	1.00	15.00			0.70	0.50	5.25	
90.00	105.00	L/S	1.00	15.00			0.70	0.50	5.25	
105.00	120.00	L/S	1.00	15.00			0.70	0.50	5.25	
120.00	135.00	L/S	1.00	15.00			0.70	0.60	6.30	
135.00	150.00	L/S	1.00	15.00			0.70	0.60	6.30	
150.00	165.00	L/S	1.00	15.00			0.70	0.60	6.30	
165.00	180.00	L/S	1.00	15.00			0.70	0.60	6.30	
180.00	195.00	L/S	1.00	15.00			0.70	0.60	6.30	
195.00	210.00	L/S	1.00	15.00			0.70	0.60	6.30	
210.00	225.00	L/S	1.00	15.00			0.70	0.60	6.30	
225.00	240.00	L/S	1.00	15.00			0.70	0.60	6.30	
240.00	255.00	L/S	1.00	15.00			0.70	0.60	6.30	
255.00	270.00	L/S	1.00	15.00			0.70	0.60	6.30	
270.00	285.00	L/S	1.00	15.00			0.70	0.60	6.30	
285.00	300.00	L/S	1.00	15.00			0.70	0.60	6.30	
300.00	315.00	L/S	1.00	15.00			0.70	0.60	6.30	
315.00	330.00	L/S	1.00	15.00			0.70	0.60	6.30	
330.00	345.00	L/S	1.00	15.00			0.70	0.60	6.30	
345.00	360.00	L/S	1.00	15.00			0.70	0.60	6.30	
360.00	375.00	L/S	1.00	15.00			0.70	0.60	6.30	
375.00	390.00	L/S	1.00	15.00			0.70	0.60	6.30	
390.00	405.00	L/S	1.00	15.00			0.70	0.60	6.30	
405.00	420.00	L/S	1.00	15.00			0.70	0.60	6.30	
420.00	435.00	L/S	1.00	15.00			0.70	0.60	6.30	

Consultant

Assistant Engineer
AE(N7)

Assistant Executive Engineer
Kodichikkanahalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

Assistant Executive Engineer

ne Of work : - Improvements to Roads and Drains at Yashodha Nagar,Jakkur Plantation and rounding Areas in Ward No 7 Thanisandra, Byatarayanapura Sub Divison.

Description Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
435.00	450.00	L/S	1.00	15.00			0.70	0.60	6.30	
450.00	465.00	L/S	1.00	15.00			0.70	0.60	6.30	
465.00	480.00	L/S	1.00	15.00			0.70	0.60	6.30	AE(W7) 15/3/18
RHS										
0.00	15.00	R/S	1.00	15.00			0.70	0.60	6.30	SSM Drain
15.00	30.00	R/S	1.00	15.00			0.70	0.60	6.30	
30.00	45.00	R/S	1.00	15.00			0.70	0.60	6.30	
45.00	60.00	R/S	1.00	15.00			0.70	0.60	6.30	
60.00	75.00	R/S	1.00	15.00			0.70	0.60	6.30	
75.00	90.00	R/S	1.00	15.00			0.70	0.60	6.30	
90.00	105.00	R/S	1.00	15.00			0.70	0.60	6.30	
105.00	120.00	R/S	1.00	15.00			0.70	0.60	6.30	
120.00	135.00	R/S	1.00	15.00			0.70	0.60	6.30	
135.00	150.00	R/S	1.00	15.00			0.70	0.60	6.30	
150.00	165.00	R/S	1.00	15.00			0.70	0.60	6.30	
165.00	180.00	R/S	1.00	15.00			0.70	0.60	6.30	
180.00	195.00	R/S	1.00	15.00			0.70	0.60	6.30	
195.00	210.00	R/S	1.00	15.00			0.70	0.60	6.30	
210.00	225.00	R/S	1.00	15.00			0.70	0.60	6.30	
225.00	240.00	R/S	1.00	15.00			0.70	0.60	6.30	
240.00	255.00	R/S	1.00	15.00			0.70	0.60	6.30	
255.00	270.00	R/S	1.00	15.00			0.70	0.60	6.30	
270.00	285.00	R/S	1.00	15.00			0.70	0.60	6.30	
285.00	300.00	R/S	1.00	15.00			0.70	0.60	6.30	
300.00	315.00	R/S	1.00	15.00			0.70	0.60	6.30	
315.00	330.00	R/S	1.00	15.00			0.70	0.60	6.30	
330.00	345.00	R/S	1.00	15.00			0.70	0.60	6.30	
345.00	360.00	R/S	1.00	15.00			0.70	0.50	5.25	
360.00	375.00	R/S	1.00	15.00			0.70	0.50	5.25	
375.00	390.00	R/S	1.00	15.00			0.70	0.60	6.30	
390.00	405.00	R/S	1.00	15.00			0.70	0.60	6.30	
405.00	420.00	R/S	1.00	15.00			0.70	0.60	6.30	AE(W7) 17/3/18
for shoulder Drain										
			26	2.4			0.5	0.1	3.12	
Yoshodhanagar										
RHS										
4.70	15.00		1.00	10.30			0.60	0.50	3.09	
15.00	30.00		1.00	15.00			0.60	0.50	4.50	
30.00	45.00		1.00	15.00			0.60	0.50	4.50	
45.00	60.00		1.00	15.00			0.60	0.50	4.50	

Consultant

Assistant Engineer
AE(W7)

Assistant Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

e Of work : - Improvements to Roads and Drains at Yashodha Nagar,Jakkur Plantation and ounding Areas in Ward No 7 Thanisandra, Byatarayanapura Sub Divison.

Description		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
Chainage										
60.00	73.30		1.00	13.30			0.60	0.50	3.99	
								Total	391.20	Cum

Consultant

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Pa
Bangalore - 560 092

...e Of work : - Improvements to Roads and Drains at Yashodha Nagar,Jakkur Plantation and ...rounding Areas in Ward No 7 Thanisandra, Byatarayanapura Sub Divison.

...) ...n	Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	Removing and Resetting of Footpath Slab with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work										
	Jakkur Plantation Road										
	RHS										Covering Slab on
	0.00	15.00	R/S	5.00	0.60			0.90		2.70	**BS Slab Drain**
	15.00	30.00	R/S	3.00	0.60			0.90		1.62	
	30.00	45.00	R/S	5.00	0.60			0.90		2.70	
	45.00	60.00	R/S	4.00	0.60			0.90		2.16	
	60.00	75.00	R/S	5.00	0.60			0.90		2.70	
	75.00	90.00	R/S	4.00	0.60			0.90		2.16	
	90.00	105.00	R/S	5.00	0.60			0.90		2.70	
	105.00	120.00	R/S	5.00	0.60			0.90		2.70	
	120.00	135.00	R/S	4.00	0.60			0.90		2.16	
	135.00	150.00	R/S	5.00	0.60			0.90		2.70	
	150.00	165.00	R/S	5.00	0.60			0.90		2.70	Asst.Engg. N.D
	165.00	180.00	R/S	5.00	0.60			0.90		2.70	22/3/18
	180.00	195.00	R/S	5.00	0.60			0.90		2.70	
	195.00	210.00	R/S	5.00	0.60			0.90		2.70	
	210.00	225.00	R/S	5.00	0.60			0.90		2.70	
	225.00	240.00	R/S	4.00	0.60			0.90		2.16	
	240.00	255.00	R/S	5.00	0.60			0.90		2.70	
	255.00	270.00	R/S	5.00	0.60			0.90		2.70	
	270.00	285.00	R/S	3.00	0.60			0.90		1.62	
	285.00	300.00	R/S	5.00	0.60			0.90		2.70	
	300.00	315.00	R/S	5.00	0.60			0.90		2.70	
	315.00	330.00	R/S	3.00	0.60			0.90		1.62	
	330.00	345.00	R/S	5.00	0.60			0.90		2.70	
	345.00	360.00	R/S	4.00	0.60			0.90		2.16	
	360.00	375.00	R/S	5.00	0.60			0.90		2.70	
	375.00	390.00	R/S	5.00	0.60			0.90		2.70	
	390.00	405.00	R/S	5.00	0.60			0.90		2.70	
	405.00	420.00	R/S	4.00	0.60			0.90		2.16	
	420.00	435.00	R/S	5.00	0.60			0.90		2.70	
	435.00	450.00	R/S	5.00	0.60			0.90		2.70	
	450.00	465.00	R/S	5.00	0.60			0.90		2.70	
	465.00	480.00	R/S	3.00	0.60			0.90		1.62	Asst.Engg. N.D. 23/3/18
	LHS										Covering Slab on
	0.00	15.00	L/S	5.00	0.60			0.90		2.70	**SSM Drain**
	15.00	30.00	L/S	4.00	0.60			0.90		2.16	
	30.00	45.00	L/S	5.00	0.60			0.90		2.70	
	45.00	60.00	L/S	4.00	0.60			0.90		2.16	

Consultant

Assistant Engineer

Assistant Executive Engineer

...e Of work : - Improvements to Roads and Drains at Yashodha Nagar,Jakkur Plantation and ...rounding Areas in Ward No 7 Thanisandra, Byatarayanapura Sub Divison.

Description		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
Chainage										
60.00	75.00	L/S	5.00	0.60			0.90		2.70	Covering Slabs on
75.00	90.00	L/S	4.00	0.60			0.90		2.16	concrete drain
90.00	105.00	L/S	5.00	0.60			0.90		2.70	
105.00	120.00	L/S	3.00	0.60			0.90		1.62	
120.00	135.00	L/S	4.00	0.60			0.90		2.16	
135.00	150.00	L/S	5.00	0.60			0.90		2.70	
150.00	165.00	L/S	4.00	0.60			0.90		2.16	
165.00	180.00	L/S	4.00	0.60			0.90		2.16	
180.00	195.00	L/S	5.00	0.60			0.90		2.70	
195.00	210.00	L/S	3.00	0.60			0.90		1.62	
210.00	225.00	L/S	4.00	0.60			0.90		2.16	
225.00	240.00	L/S	5.00	0.60			0.90		2.70	
240.00	255.00	L/S	5.00	0.60			0.90		2.70	
255.00	270.00	L/S	4.00	0.60			0.90		2.16	
270.00	285.00	L/S	4.00	0.60			0.90		2.16	
285.00	300.00	L/S	5.00	0.60			0.90		2.70	
300.00	315.00	L/S	4.00	0.60			0.90		2.16	
315.00	330.00	L/S	5.00	0.60			0.90		2.70	
330.00	345.00	L/S	5.00	0.60			0.90		2.70	
345.00	360.00	L/S	5.00	0.60			0.90		2.70	
360.00	375.00	L/S	5.00	0.60			0.90		2.70	
375.00	390.00	L/S	4.00	0.60			0.90		2.16	
390.00	405.00	L/S	3.00	0.60			0.90		1.62	
405.00	420.00	L/S	5.00	0.60			0.90		2.70	
for shoulder Drain										
			26	2.4			0.90		56.16	
							Total		201.42	Sqm

SEJUS CONSULTANTS
Consultant

M.S. RAM & COMPANY

N.D
Assistant Engineer
AE(W) 24/3/18

Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092
Assistant Executive Engineer

ne Of work : - Improvements to Roads and Drains at Yashodha Nagar,Jakkur Plantation and rounding Areas in Ward No 7 Thanisandra, Byatarayanapura Sub Divison.

Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
Providing granite Slabs of Selected quality roughly dressed and fixed in cement mortor (1:6) including fixing curing etc,. Complete. 7.5cms thick with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work										
Yoshodhanagr										
4.70	15.00	S	2.00	10.30			0.38		7.73	B.S.slab
		B	1.00	10.30			0.50		5.15	drain
15.00	30.00	S	2.00	15.00			0.38		11.25	
		B	1.00	15.00			0.50		7.50	
30.00	45.00	S	2.00	15.00			0.38		11.25	
		B	1.00	15.00			0.50		7.50	
45.00	60.00	S	2.00	15.00			0.38		11.25	
		B	1.00	15.00			0.50		7.50	
60.00	73.30	S	2.00	13.30			0.38		9.98	
		B	1.00	13.30			0.45		5.99	
								Total	85.09	Sqm

Consultant

Assistant Engineer

Assistant Executive Engineer

he Of work : - Improvements to Roads and Drains at Yashodha Nagar,Jakkur Plantation and rounding Areas in Ward No 7 Thanisandra, Byatarayanapura Sub Divison.

n	Description / Chainage	Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	Providing and fixing Ms gratings 260 mmx 260 mm for Shoulder Drains with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work									
	for shoulder Drain									
	Jakkur plantation		26	1					26.00	
								Total	**26.00**	**Each**

Consultant

Assistant Engineer
AE(W)

02/04/18

Assistant Executive Engineer

Assistant Executive Engineer
Koramangala Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

ne Of work : - Improvements to Roads and Drains at Yashodha Nagar,Jakkur Plantation and rrounding Areas in Ward No 7 Thanisandra, Byatarayanapura Sub Divison.

Description / Chainage	Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
Providing and fixing RCC Precast cover slab of 100mm thick for drain in cement concrete M20 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge. (Data Rate) with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work									
Jakkur Plantation									
		26	0.6			0.9		14.04	
coffee Board									
		25	0.6			0.9		13.50	
						Total		**27.54**	

TEJUS CONSULTANTS
Consultant

M.S. RAM & COMPANY

Assistant Engineer
AE(W7) 05/04/18

Assistant Executive Engineer
Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike

Of work : - Improvements to Roads and Drains at Yashodha Nagar,Jakkur Plantation and nding Areas in Ward No 7 Thanisandra, Byatarayanapura Sub Divison.

Description / Chainage		Side	Nos	L	B1	B2	Avg width B	Depth	Quantity	Remarks
SRRB M300-14. Excavation for roadwork in soil with hydraulic excavator of 90 cum bucket capacity including cutting and loading in tippers, trimming ottom and side slopes, in accordance with requirements of lines, grades and oss sections, and transporting to embankment location and complete as per ecifications. MORTH Specification No.301 (P.No.143, I.No.19.14 of W,P&IWTD S.R 2016-17)										
Yoshodhanagr - Road										
0.00	15.00		1.00	15.00	6.10	5.20	5.65	0.30	25.43	
15.00	30.00		1.00	15.00	5.20	5.10	5.15	0.30	23.18	
30.00	45.00		1.00	15.00	5.10	6.00	5.55	0.30	24.98	
45.00	60.00		1.00	15.00	6.00	5.80	5.90	0.30	26.55	
60.00	75.00		1.00	15.00	5.80	6.30	6.05	0.30	27.23	
75.00	96.20		1.00	21.20	5.40	5.50	5.45	0.30	34.66	
							Total		162.01	Cum

TEJUS CONSULTANTS

Consultant

M/s RAM & COMPANY

Assistant Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

Assistant Executive Engineer

Of work : - **Improvements to Roads and Drains at Yashodha Nagar,Jakkur Plantation and ounding Areas in Ward No 7 Thanisandra, Byatarayanapura Sub Divison.**

Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
KSRRB M 400-17, Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechaniqal mix plant carriage ' of mixed Material by tipper to site, laying in uniform layers with paver in sub- base/ base course on well prepared surface and compacting with vibratory roller to achieve the desired density.complete as per specifications. MORTH Specification No. 406 (P.No.158, I.No.20.18 of PW,P&IWTD SR 2016-17)										
Yoshodhanagr										
0.00	15.00	0.00	1.00	15.00	6.10	5.20	5.65	0.25	21.19	
15.00	30.00	0.00	1.00	15.00	5.20	5.10	5.15	0.25	19.31	
30.00	45.00	0.00	1.00	15.00	5.10	6.00	5.55	0.25	20.81	
45.00	60.00	0.00	1.00	15.00	6.00	5.80	5.90	0.25	22.13	
60.00	75.00	0.00	1.00	15.00	5.80	6.30	6.05	0.25	22.69	
75.00	96.20	0.00	1.00	21.20	5.40	5.50	5.45	0.25	28.89	
								Total	**135.01**	**Cum**

TEJUS CONSULTANTS
Consultant

M. RAM & COMPANY

Assistant Engineer
AE(W7) 16/04/18

Assistant Executive Engineer
Assistant Executive Engineer
Kodigehalli Sub Division
Bangalore Nagarmagara Palike
Bangalore - 560 092

e Of work : - **Improvements to Roads and Drains at Yashodha Nagar,Jakkur Plantation and rounding Areas in Ward No 7 Thanisandra, Byatarayanapura Sub Divison.**

Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
KSRRB M 500-6, Providing and applying primer coat with SS bitumen emulsion on prepared surface of granular Base such as WBM WMM including clearing of road surface and spraying primer at the rate of 0.60 kglsqm using mechanical means complete as per specifications. As per MORTH specification clause No. 502 (P.No.161, I.No.21.6 of PW,P&IWTD SR 2016-17)										
Yoshodhanagr										
0.00	15.00	0.00	1.00	15.00	6.10	5.20	5.65		84.75	
15.00	30.00	0.00	1.00	15.00	5.20	5.10	5.15		77.25	
30.00	45.00	0.00	1.00	15.00	5.10	6.00	5.55		83.25	
45.00	60.00	0.00	1.00	15.00	6.00	5.80	5.90		88.50	
60.00	75.00	0.00	1.00	15.00	5.80	6.30	6.05		90.75	
75.00	96.20	0.00	1.00	21.20	5.40	5.50	5.45		115.54	
						Total Quantity			**540.04**	**Sqm**

TEJUS CONSULTANTS

Consultant

M S RAM & COMPANY

Assistant Engineer

AE(wt) 21/04/18

Assistant Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Pa
Bangalore - 560 092.

...e Of work : - Improvements to Roads and Drains at Yashodha Nagar,Jakkur Plantation and ...rounding Areas in Ward No 7 Thanisandra, Byatarayanapura Sub Divison.

Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
KSRRB M500-7 : Providing and applying tack coat using 80/100 grade bitumen (VG10) on prepared black topped surfaces at 2.5 Kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications.MORTH / Chapter 5 (P.No.161 I.No.21.7 of PW,P&IWTD SR of 2016-17)										
Yoshodhanagr										
For BC										
0.00	15.00		1.00	15.00	6.10	5.20	5.65		84.75	
15.00	30.00		1.00	15.00	5.20	5.10	5.15		77.25	
30.00	45.00		1.00	15.00	5.10	6.00	5.55		83.25	
45.00	60.00		1.00	15.00	6.00	5.80	5.90		88.50	
60.00	75.00		1.00	15.00	5.80	6.30	6.05		90.75	
75.00	96.20		1.00	21.20	5.40	5.50	5.45		115.54	
						Total Quantity			**540.04**	**Sqm**

TEJUS CONSULTANTS

Consultant

M.S. RAM & COMPANY

Assistant Engineer

AE(W7) 23/04/18

Assistant Executive Engineer
Kodigehalli Sub Division
Bangalore - 560 092

Assistant Executive Engineer

Name Of work : - Improvements to Roads and Drains at Yashodha Nagar,Jakkur Plantation and Surrounding Areas in Ward No 7 Thanisandra, Byatarayanapura Sub Divison.

Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
KSRRB M500-19. Providing and laying bituminous concrete 30-40 mm compacted thickness with VG30 Bitumen grade using 40-60 HMP using crushed aggregates of grading II, premixed with bituminous binder at 5.4% of mix and filler, transporting the hot mix to work site, laying with a mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRT&H specification clause No. 500.9 complete in all respects as per specifications. MORTH Specification No. 509 (P.No.165 of I.No.21.22.6 in PW,P&IWTD S.R 2016-17)										
Yoshodhanagr										
For **Laying BC**										
0.00	15.00		1.00	15.00	6.10	5.20	5.65	0.04	3.39	
15.00	30.00		1.00	15.00	5.20	5.10	5.15	0.04	3.09	
30.00	45.00		1.00	15.00	5.10	6.00	5.55	0.04	3.33	
45.00	60.00		1.00	15.00	6.00	5.80	5.90	0.04	3.54	
60.00	75.00		1.00	15.00	5.80	6.30	6.05	0.04	3.63	
75.00	96.20		1.00	21.20	5.40	5.50	5.45	0.04	4.62	
						Total Quantity			**21.60**	**Cum**
Add cost of Waste Plastic @ 8% of Bitumen Weight										
Bitumen = 141 kg/cum						**Total Qty**			**243.65**	**Kgs**

TEJUS CONSULTANTS
Consultant

M/s. RAM & COMPANY

Assistant Engineer
AE (W) 23/04/18

Assistant Executive Engineer
Assistant Executive Engineer
Rajarajeshwari Nagar Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

Name Of work : - Improvements to Roads and Drains at Yashodha Nagar,Jakkur Plantation and Surrounding Areas in Ward No 7 Thanisandra, Byatarayanapura Sub Divison.

SL No	Description / Chainage	Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
7	KSRRB M800-13. Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH Specification No. 803. with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work									
	Yoshodhanagr - EDGE LINE				2	96.20	0.10		19.24	
	Yoshodhanagr- CENTER LINE				16	3.00	0.10		4.80	
							Total Qty		24.04	Sqm

TEJUS CONSULTANTS Consultant

M/S. RAM & COMPANY

Assistant Engineer

AE (W) 30/4/18

Assistant Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

Of work : - **Improvements to Roads and Drains at Yashodha Nagar,Jakkur Plantation and ounding Areas in Ward No 7 Thanisandra, Byatarayanapura Sub Divison.**

Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
KSRRB M400-19: Construction of Median and island above road level with approved material deposited from borrowpits, spread, sloped and compacted as per Clause 400.7 complete as per specifications. MORTH Specification No.407 with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work										
Jakkur Plantation Road										
RHS										
0.00	11.40	R/S	1.00	11.40	2.00	2.34	2.17	0.20	4.95	
12.30	34.00	R/S	1.00	21.70	2.34	2.37	2.36	0.20	10.22	
34.90	56.90	R/S	1.00	22.00	2.37	2.40	2.39	0.20	10.49	
57.80	73.30	R/S	1.00	15.50	2.40	2.37	2.39	0.20	7.39	
74.20	93.90	R/S	1.00	19.70	2.37	2.47	2.42	0.20	9.53	
94.80	121.20	R/S	1.00	26.40	2.47	2.30	2.39	0.20	12.59	
122.10	150.00	R/S	1.00	27.90	2.30	2.32	2.31	0.20	12.89	
150.90	180.10	R/S	1.00	29.20	2.32	2.30	2.31	0.20	13.49	
181.00	209.70	R/S	1.00	28.70	2.30	2.35	2.33	0.20	13.35	
210.60	230.70	R/S	1.00	20.10	2.35	2.57	2.46	0.20	9.89	
231.60	264.30	R/S	1.00	32.70	2.57	2.36	2.47	0.20	16.12	
265.20	287.60	R/S	1.00	22.40	2.36	2.39	2.38	0.20	10.64	
288.30	314.90	R/S	1.00	26.60	2.39	2.38	2.39	0.20	12.69	
315.80	343.00	R/S	1.00	27.20	2.38	1.53	1.96	0.20	10.64	
343.90	373.70	R/S	1.00	29.80	1.53	2.60	2.07	0.20	12.31	
374.60	398.40	R/S	1.00	23.80	2.60	2.00	2.30	0.20	10.95	
399.30	428.50	R/S	1.00	29.20	2.00	2.45	2.23	0.20	12.99	
429.40	452.60	R/S	1.00	23.20	2.45	2.70	2.58	0.20	11.95	
453.50	476.90	R/S	1.00	23.40	2.70	2.30	2.50	0.20	11.70	
477.80	497.40	R/S	1.00	19.60	2.30	2.10	2.20	0.20	8.62	
498.30	527.30	R/S	1.00	29.00	2.10	1.25	1.68	0.20	9.71	
LHS										
0.00	26.80	L/S	1.00	26.80	2.80	2.45	2.63	0.20	14.07	
26.80	36.10	L/S	0.00	9.30	0.00	0.00	0.00	0.20	0.00	Cross Road
36.10	44.70	L/S	1.00	8.60	2.90	1.80	2.35	0.20	4.04	
45.60	70.50	L/S	1.00	24.90	1.80	2.12	1.96	0.20	9.76	
71.40	82.60	L/S	1.00	11.20	2.12	1.86	1.99	0.20	4.46	
82.60	90.50	L/S	0.00	7.90	0.00	0.00	0.00	0.20	0.00	Cross Road
90.50	135.00	L/S	1.00	44.50	1.46	0.90	1.18	0.20	10.50	
135.00	151.10	L/S	1.00	16.10	0.90	1.61	1.26	0.20	4.04	
151.10	180.50	L/S	1.00	29.40	1.61	1.75	1.68	0.20	9.88	
180.50	188.70	L/S	0.00	8.20	0.00	0.00	0.00	0.20	0.00	No Work

Consultant

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Pa
560 092

e Of work : - Improvements to Roads and Drains at Yashodha Nagar,Jakkur Plantation and rounding Areas in Ward No 7 Thanisandra, Byatarayanapura Sub Divison.

Description		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
Chainage										
188.70	203.20	L/S	1.00	14.50	1.75	2.45	2.10	0.20	6.09	
203.20	233.70	L/S	1.00	30.50	2.45	2.33	2.39	0.20	14.58	
234.60	283.50	L/S	1.00	48.90	2.33	2.20	2.27	0.20	22.15	
284.40	325.00	L/S	1.00	40.60	2.20	2.35	2.28	0.20	18.47	
325.90	348.20	L/S	1.00	22.30	2.35	2.45	2.40	0.20	10.70	
349.10	384.20	L/S	1.00	35.10	2.45	2.37	2.41	0.20	16.92	
385.10	404.40	L/S	1.00	19.30	2.37	2.50	2.44	0.20	9.40	
405.30	439.00	L/S	1.00	33.70	2.50	2.30	2.40	0.20	16.18	
coffee board park road										
0.00	15.00	L/S	1.00	15.00			0.60	0.10	0.90	
15.00	30.00	L/S	1.00	15.00			0.60	0.10	0.90	
30.00	45.00	L/S	1.00	15.00			0.60	0.10	0.90	
45.00	60.00	L/S	1.00	15.00			0.60	0.10	0.90	
60.00	75.00	L/S	1.00	15.00			0.50	0.10	0.75	
75.00	90.00	L/S	1.00	15.00			0.60	0.10	0.90	
90.00	105.00	L/S	1.00	15.00			0.50	0.10	0.75	
105.00	120.00	L/S	1.00	15.00			0.60	0.10	0.90	
120.00	135.00	L/S	1.00	15.00			0.60	0.10	0.90	
135.00	150.00	L/S	1.00	15.00			0.60	0.10	0.90	
150.00	165.00	L/S	1.00	15.00			0.60	0.10	0.90	
165.00	180.00	L/S	1.00	15.00			0.60	0.10	0.90	
180.00	195.00	L/S	1.00	15.00			0.50	0.10	0.75	
195.00	210.00	L/S	1.00	15.00			0.60	0.10	0.90	
210.00	225.00	L/S	1.00	15.00			0.60	0.10	0.90	
225.00	240.00	L/S	1.00	15.00			0.60	0.10	0.90	
240.00	255.00	L/S	1.00	15.00			0.60	0.10	0.90	
255.00	270.00	L/S	1.00	15.00			0.60	0.10	0.90	
270.00	282.00	L/S	1.00	12.00			0.60	0.10	0.72	
for shoulder Drain										
			-26	2.40			0.90	0.20	-11.23	
Deductions for Trees and Apartment Entrances										
			-1	1.40			1.10	0.20	-0.31	
			-1	2.00			1.60	0.20	-0.64	
			-1	1.10			1.00	0.20	-0.22	
			-1	1.30			1.40	0.20	-0.36	
			-1	1.00			1.00	0.20	-0.20	
			-1	1.00			1.00	0.20	-0.20	
			-1	1.20			1.00	0.20	-0.24	
			-1	1.10			1.10	0.20	-0.24	
			-1	1.20			1.30	0.20	-0.31	

Consultant

Assistant Engineer
AE(W7) 23/4

Assistant Executive Engineer

Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 002

Of work : - Improvements to Roads and Drains at Yashodha Nagar,Jakkur Plantation and unding Areas in Ward No 7 Thanisandra, Byatarayanapura Sub Divison.

Description		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
Chainage										
			-1	0.70			0.70	0.20	-0.10	
			-1	1.10			1.10	0.20	-0.24	
			-1	1.00			1.00	0.20	-0.20	
			-1	1.30			1.20	0.20	-0.31	
			-1	1.30			1.30	0.20	-0.34	
			-1	1.00			1.00	0.20	-0.20	
			-1	1.10			1.30	0.20	-0.29	
			-1	1.10			1.30	0.20	-0.29	
			-1	1.00			1.10	0.20	-0.22	
			-1	1.30			1.10	0.20	-0.29	
			-1	1.00			1.20	0.20	-0.24	
			-1	1.10			0.90	0.20	-0.20	
			-1	1.00			0.90	0.20	-0.18	
			-1	0.80			0.60	0.20	-0.10	
			-1	0.80			0.90	0.20	-0.14	
			-1	1.00			1.00	0.20	-0.20	
			-1	0.80			0.90	0.20	-0.14	
			-1	0.80			1.00	0.20	-0.16	
			-1	1.00			1.10	0.20	-0.22	
			-1	0.90			1.00	0.20	-0.18	
			-1	0.80			1.00	0.20	-0.16	
			-1	0.90			0.80	0.20	-0.14	
			-1	0.90			0.80	0.20	-0.14	
			-1	1.00			1.10	0.20	-0.22	
			-1	0.90			0.90	0.20	-0.16	
			-1	1.10			1.10	0.20	-0.24	
			-1	1.00			1.00	0.20	-0.20	
			-1	1.10			1.10	0.20	-0.24	
			-1	1.00			1.10	0.20	-0.22	
			-1	0.90			1.10	0.20	-0.20	
			-1	1.00			1.00	0.20	-0.20	
			-1	0.90			0.90	0.20	-0.16	
			-1	0.80			0.70	0.20	-0.11	
			-1	0.60			0.60	0.20	-0.07	
			-1	1.10			1.00	0.20	-0.22	
			-1	0.80			0.60	0.20	-0.10	
			-1	1.00			2.00	0.20	-0.40	
			-1	0.90			0.90	0.20	-0.16	
			-1	1.00			1.00	0.20	-0.20	
			-1	0.70			0.70	0.20	-0.10	
			-1	0.70			0.60	0.20	-0.08	
			-1	0.60			0.60	0.20	-0.07	
			-1	0.60			0.80	0.20	-0.10	

TEJUS CONSULTANTS
Consultant

Assistant Engineer
AE(W) 23/4

Assistant Executive Engineer
Assistant Executive Engineer
Bangalore - 560 092

e Of work : - Improvements to Roads and Drains at Yashodha Nagar,Jakkur Plantation and ounding Areas in Ward No 7 Thanisandra, Byatarayanapura Sub Divison.

Description		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
Chainage										
			-1	0.60			1.50	0.20	-0.18	
			-1	0.50			0.30	0.20	-0.03	
			-1	0.80			0.70	0.20	-0.11	
			-1	1.00			0.90	0.20	-0.18	
			-1	0.70			0.70	0.20	-0.10	
			-1	0.50			0.60	0.20	-0.06	
			-1	0.50			0.60	0.20	-0.06	
			-1	0.70			0.60	0.20	-0.08	
			-1	0.70			0.90	0.20	-0.13	
			-1	0.70			0.70	0.20	-0.10	
			-1	0.50			0.50	0.20	-0.05	
			-1	0.80			0.90	0.20	-0.14	
			-1	0.70			1.10	0.20	-0.15	
			-1	0.90			1.00	0.20	-0.18	
			-1	0.70			0.80	0.20	-0.11	
			-1	1.00			0.90	0.20	-0.18	
			-1	0.90			0.90	0.20	-0.16	
			-1	1.50			0.70	0.20	-0.21	
			-1	0.90			1.00	0.20	-0.18	
			-1	0.90			0.80	0.20	-0.14	
			-1	1.00			0.80	0.20	-0.16	
			-1	0.90			0.60	0.20	-0.11	
			-1	1.00			0.90	0.20	-0.18	
			-1	0.60			0.50	0.20	-0.06	
			-1	0.90			0.80	0.20	-0.14	
			-1	1.00			1.90	0.20	-0.38	
			-1	0.80			0.70	0.20	-0.11	
			-1	0.70			0.60	0.20	-0.08	
			-1	0.80			0.70	0.20	-0.11	
			-1	1.30			1.00	0.20	-0.26	
			-1	0.60			0.80	0.20	-0.10	
			-1	0.70			0.70	0.20	-0.10	
			-1	0.60			0.80	0.20	-0.10	
			-1	0.70			0.80	0.20	-0.11	
			-1	0.70			0.80	0.20	-0.11	
			-1	0.70			0.90	0.20	-0.13	
			-1	0.90			0.80	0.20	-0.14	
			-1	0.70			0.60	0.20	-0.08	
			-1	0.60			0.50	0.20	-0.06	
			-1	0.80			0.60	0.20	-0.10	
			-1	0.80			0.70	0.20	-0.11	
			-1	0.80			0.70	0.20	-0.11	
			-1	0.70			0.60	0.20	-0.08	

Consultant

Assistant Engineer

AE (W) 23/4

Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Pal
Bangalore - 560 092
Assistant Executive Engineer

me Of work : - Improvements to Roads and Drains at Yashodha Nagar,Jakkur Plantation and rounding Areas in Ward No 7 Thanisandra, Byatarayanapura Sub Divison.

Description		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
Chainage										
			-1	0.80			0.70	0.20	-0.11	
			-1	0.80			0.80	0.20	-0.13	
			-1	0.70			0.90	0.20	-0.13	
			-1	0.80			0.70	0.20	-0.11	
			-1	0.80			0.80	0.20	-0.13	
			-1	0.90			1.10	0.20	-0.20	
			-1	0.80			0.80	0.20	-0.13	
			-1	0.60			0.70	0.20	-0.08	
			-1	0.70			0.70	0.20	-0.10	
			-1	0.60			0.50	0.20	-0.06	
			-1	1.10			1.20	0.20	-0.26	
			-1	1.00			1.00	0.20	-0.20	
			-1	0.70			0.70	0.20	-0.10	
			-1	0.80			0.90	0.20	-0.14	
			-1	0.80			0.80	0.20	-0.13	
			-1	0.80			0.70	0.20	-0.11	
			-1	0.70			0.70	0.20	-0.10	
			-1	0.90			0.90	0.20	-0.16	
			-1	1.00			0.90	0.20	-0.18	
			-1	1.10			1.00	0.20	-0.22	
			-1	0.80			0.70	0.20	-0.11	
			-1	1.20			1.30	0.20	-0.31	
			-1	0.80			0.80	0.20	-0.13	
			-1	0.60			0.80	0.20	-0.10	
			-1	0.70			0.70	0.20	-0.10	
			-1	0.80			0.80	0.20	-0.13	
			-1	1.00			1.00	0.20	-0.20	
			-1	1.20			1.10	0.20	-0.26	
			-1	0.60			0.60	0.20	-0.07	
			-1	0.80			0.70	0.20	-0.11	
			-1	0.70			0.50	0.20	-0.07	
			-1	0.70			0.70	0.20	-0.10	
			-1	0.60			0.60	0.20	-0.07	
			-1	1.00			1.00	0.20	-0.20	
			-1	0.70			0.70	0.20	-0.10	
			-1	0.60			0.80	0.20	-0.10	
			-1	0.60			0.60	0.20	-0.07	
			-1	1.30			0.80	0.20	-0.21	
			-1	0.80			0.90	0.20	-0.14	
			-1	0.60			0.60	0.20	-0.07	
			-1	0.50			0.60	0.20	-0.06	
			-1	0.80			0.60	0.20	-0.10	
			-1	0.60			0.70	0.20	-0.08	

TEJUS CONSULTANTS
Consultant

M/s. RAM & COMPANY

Assistant Engineer
AE(W7) 23/4

Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092
Assistant Executive Engineer

me Of work : - Improvements to Roads and Drains at Yashodha Nagar,Jakkur Plantation and rrounding Areas in Ward No 7 Thanisandra, Byatarayanapura Sub Divison.

O	Description		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
	Chainage										
				-1	0.60			0.60	0.20	-0.07	
				-1	0.60			0.50	0.20	-0.06	
				-1	0.40			0.50	0.20	-0.04	
				-1	0.70			0.60	0.20	-0.08	
				-1	0.70			0.40	0.20	-0.06	
				-1	0.60			0.70	0.20	-0.08	
				-1	0.70			0.60	0.20	-0.08	
				-1	0.50			0.90	0.20	-0.09	
				-1	0.70			0.50	0.20	-0.07	
				-1	0.60			0.70	0.20	-0.08	
				-1	0.70			0.60	0.20	-0.08	
				-1	0.50			0.60	0.20	-0.06	
				-1	0.60			0.80	0.20	-0.10	
				-1	0.70			0.60	0.20	-0.08	
				-1	0.70			0.60	0.20	-0.08	
				-1	0.50			0.50	0.20	-0.05	
				-1	0.50			0.90	0.20	-0.09	
				-1	0.70			0.70	0.20	-0.10	
				-1	0.60			0.60	0.20	-0.07	
				-1	0.50			0.60	0.20	-0.06	
				-1	0.50			0.60	0.20	-0.06	
				-1	0.50			0.80	0.20	-0.08	
				-1	0.70			0.80	0.20	-0.11	
				-1	0.70			0.70	0.20	-0.10	
				-1	0.70			0.70	0.20	-0.10	
				-1	0.90			0.70	0.20	-0.13	
				-1	0.70			1.20	0.20	-0.17	
				-1	1.20			0.50	0.20	-0.12	
				-1	0.80			0.80	0.20	-0.13	
				-1	0.70			0.70	0.20	-0.10	
				-1	0.70			1.00	0.20	-0.14	
				-1	0.80			0.60	0.20	-0.10	
				-1	0.60			0.70	0.20	-0.08	
				-1	0.80			1.00	0.20	-0.16	
				-1	1.20			0.70	0.20	-0.17	
				-1	0.60			0.90	0.20	-0.11	
				-1	0.90			0.90	0.20	-0.16	
				-1	0.90			1.00	0.20	-0.18	
				-1	1.00			0.80	0.20	-0.16	
				-1	0.70			0.70	0.20	-0.10	
				-1	0.70			0.50	0.20	-0.07	
				-1	0.60			0.90	0.20	-0.11	
				-1	0.90			0.50	0.20	-0.09	

Consultant

Assistant Engineer
AE(W7) 23/4

Assistant Executive Engineer
Kodigehalli Sub Division
Bangalore Mahanagara Palike
Bangalore-92

)f work : - Improvements to Roads and Drains at Yashodha Nagar,Jakkur Plantation and nding Areas in Ward No 7 Thanisandra, Byatarayanapura Sub Divison.

Description		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
Chainage										
			-1	0.50			0.10	0.20	-0.01	
			-1	0.60			0.50	0.20	-0.06	
			-1	0.50			0.50	0.20	-0.05	
						Total Qty			383.26	Cum

Consultant

Assistant Engineer

Assistant Executive Engineer

Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560092

Of work : - **Improvements to Roads and Drains at Yashodha Nagar,Jakkur Plantation and unding Areas in Ward No 7 Thanisandra, Byatarayanapura Sub Divison.**

Description / Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
KSRB 14.6-1: Providing and laying heavy duty cobble stones 60mm thick interlock pavers, using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of 281 kg per sqm over 50mm thick sand bed (average thickness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level, including cost of materials, labour and HOM of machineries complete as per specifications. Specification No. KBS. with all lead and lift , loading and unloading and allother incidental charges etc., complete as per specification and direction of the engineer-in-charge of the work										
Jakkur Plantation Road										
RHS										
0.00	11.40	R/S	1.00	11.40	2.00	2.34	2.17		24.74	
12.30	34.00	R/S	1.00	21.70	2.34	2.37	2.36		51.10	
34.90	56.90	R/S	1.00	22.00	2.37	2.40	2.39		52.47	
57.80	73.30	R/S	1.00	15.50	2.40	2.37	2.39		36.97	
74.20	93.90	R/S	1.00	19.70	2.37	2.47	2.42		47.67	
94.80	121.20	R/S	1.00	26.40	2.47	2.30	2.39		62.96	
122.10	150.00	R/S	1.00	27.90	2.30	2.32	2.31		64.45	
150.90	180.10	R/S	1.00	29.20	2.32	2.30	2.31		67.45	
181.00	209.70	R/S	1.00	28.70	2.30	2.35	2.33		66.73	
210.60	230.70	R/S	1.00	20.10	2.35	2.57	2.46		49.45	
231.60	264.30	R/S	1.00	32.70	2.57	2.36	2.47		80.61	
265.20	287.60	R/S	1.00	22.40	2.36	2.39	2.38		53.20	
288.30	314.90	R/S	1.00	26.60	2.39	2.38	2.39		63.44	
315.80	343.00	R/S	1.00	27.20	2.38	1.53	1.96		53.18	
343.90	373.70	R/S	1.00	29.80	1.53	2.60	2.07		61.54	
374.60	398.40	R/S	1.00	23.80	2.60	2.00	2.30		54.74	
399.30	428.50	R/S	1.00	29.20	2.00	2.45	2.23		64.97	
429.40	452.60	R/S	1.00	23.20	2.45	2.70	2.58		59.74	
453.50	476.90	R/S	1.00	23.40	2.70	2.30	2.50		58.50	
477.80	497.40	R/S	1.00	19.60	2.30	2.10	2.20		43.12	
498.30	527.30	R/S	1.00	29.00	2.10	1.25	1.68		48.57	
LHS										
0.00	26.80	L/S	1.00	26.80	2.80	2.45	2.63		70.35	
26.80	36.10	L/S	0.00	9.30	0.00	0.00	0.00		0.00	
36.10	44.70	L/S	1.00	8.60	2.90	1.80	2.35		20.21	
45.60	70.50	L/S	1.00	24.90	1.80	2.12	1.96		48.80	
71.40	82.60	L/S	1.00	11.20	2.12	1.86	1.99		22.29	
82.60	90.50	L/S	0.00	7.90	0.00	0.00	0.00		0.00	cross road

Consultant

Assistant Engineer
AE(W7)

Assistant Executive Engineer

Assistant Executive Engineer
Kodichenahalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

e Of work : - Improvements to Roads and Drains at Yashodha Nagar,Jakkur Plantation and ounding Areas in Ward No 7 Thanisandra, Byatarayanapura Sub Divison.

Description Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
90.50	135.00	L/S	1.00	44.50	1.46	0.90	1.18		52.51	
135.00	151.10	L/S	1.00	16.10	0.90	1.61	1.26		20.21	
151.10	180.50	L/S	1.00	29.40	1.61	1.75	1.68		49.39	
180.50	188.70	L/S	0.00	8.20	0.00	0.00	0.00		0.00	
188.70	203.20	L/S	1.00	14.50	1.75	2.45	2.10		30.45	
203.20	233.70	L/S	1.00	30.50	2.45	2.33	2.39		72.90	
234.60	283.50	L/S	1.00	48.90	2.33	2.20	2.27		110.76	
284.40	325.00	L/S	1.00	40.60	2.20	2.35	2.28		92.37	
325.90	348.20	L/S	1.00	22.30	2.35	2.45	2.40		53.52	
349.10	384.20	L/S	1.00	35.10	2.45	2.37	2.41		84.59	
385.10	404.40	L/S	1.00	19.30	2.37	2.50	2.44		47.00	
405.30	439.00	L/S	1.00	33.70	2.50	2.30	2.40		80.88	
coffee board park road										
0.00	15.00	L/S	1.00	15.00			0.60		9.00	
15.00	30.00	L/S	1.00	15.00			0.60		9.00	
30.00	45.00	L/S	1.00	15.00			0.50		7.50	
45.00	60.00	L/S	1.00	15.00			0.60		9.00	
60.00	75.00	L/S	1.00	15.00			0.50		7.50	
75.00	90.00	L/S	1.00	15.00			0.60		9.00	
90.00	105.00	L/S	1.00	15.00			0.50		7.50	
105.00	120.00	L/S	1.00	15.00			0.60		9.00	
120.00	135.00	L/S	1.00	15.00			0.60		9.00	
135.00	150.00	L/S	1.00	15.00			0.50		7.50	
150.00	165.00	L/S	1.00	15.00			0.60		9.00	
165.00	180.00	L/S	1.00	15.00			0.60		9.00	
180.00	195.00	L/S	1.00	15.00			0.50		7.50	
195.00	210.00	L/S	1.00	15.00			0.60		9.00	
210.00	225.00	L/S	1.00	15.00			0.60		9.00	
225.00	240.00	L/S	1.00	15.00			0.50		7.50	
240.00	255.00	L/S	1.00	15.00			0.60		9.00	
255.00	270.00	L/S	1.00	15.00			0.60		9.00	
270.00	282.00	L/S	1.00	12.00			0.50		6.00	
Deduct Drain Cover										
			-19.00	1.30			1.20		-29.64	
for shoulder Drain										
			-26	2.4			0.90		-56.16	
Deductions for Trees and Apartment Entrances										
			-1	1.40			1.10		-1.54	
			-1	2.00			1.60		-3.20	
			-1	1.10			1.00		-1.10	
			-1	1.30			1.40		-1.82	

Consultant

Assistant Engineer
AE (W7)

Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

Of work : - Improvements to Roads and Drains at Yashodha Nagar,Jakkur Plantation and unding Areas in Ward No 7 Thanisandra, Byatarayanapura Sub Divison.

Description		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
Chainage										
			-1	1.00			1.00		-1.00	
			-1	1.00			1.00		-1.00	
			-1	1.20			1.00		-1.20	
			-1	1.10			1.10		-1.21	
			-1	1.20			1.30		-1.56	
			-1	0.70			0.70		-0.49	
			-1	1.10			1.10		-1.21	
			-1	1.00			1.00		-1.00	
			-1	1.30			1.20		-1.56	
			-1	1.30			1.30		-1.69	
			-1	1.00			1.00		-1.00	
			-1	1.10			1.30		-1.43	
			-1	1.10			1.30		-1.43	
			-1	1.00			1.10		-1.10	
			-1	1.30			1.10		-1.43	
			-1	1.00			1.20		-1.20	
			-1	1.10			0.90		-0.99	
			-1	1.00			0.90		-0.90	
			-1	0.80			0.60		-0.48	
			-1	0.80			0.90		-0.72	
			-1	1.00			1.00		-1.00	
			-1	0.80			0.90		-0.72	
			-1	0.80			1.00		-0.80	
			-1	1.00			1.10		-1.10	
			-1	0.90			1.00		-0.90	
			-1	0.80			1.00		-0.80	
			-1	0.90			0.80		-0.72	
			-1	0.90			0.80		-0.72	
			-1	1.00			1.10		-1.10	
			-1	0.90			0.90		-0.81	
			-1	1.10			1.10		-1.21	
			-1	1.00			1.00		-1.00	
			-1	1.10			1.10		-1.21	
			-1	1.00			1.10		-1.10	
			-1	0.90			1.10		-0.99	
			-1	1.00			1.00		-1.00	
			-1	0.90			0.90		-0.81	
			-1	0.80			0.70		-0.56	
			-1	0.60			0.60		-0.36	
			-1	1.10			1.00		-1.10	
			-1	0.80			0.60		-0.48	
			-1	1.00			2.00		-2.00	
			-1	0.90			0.90		-0.81	

Consultant

Assistant Engineer

Assistant Executive Engineer
Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092

Of work : - Improvements to Roads and Drains at Yashodha Nagar,Jakkur Plantation and nding Areas in Ward No 7 Thanisandra, Byatarayanapura Sub Divison.

Description Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
			-1	1.00			1.00		-1.00	
			-1	0.70			0.70		-0.49	
			-1	0.70			0.60		-0.42	
			-1	0.60			0.60		-0.36	
			-1	0.60			0.80		-0.48	
			-1	0.60			1.50		-0.90	
			-1	0.50			0.30		-0.15	
			-1	0.80			0.70		-0.56	
			-1	1.00			0.90		-0.90	
			-1	0.70			0.70		-0.49	
			-1	0.50			0.60		-0.30	
			-1	0.50			0.60		-0.30	
			-1	0.70			0.60		-0.42	
			-1	0.70			0.90		-0.63	
			-1	0.70			0.70		-0.49	
			-1	0.50			0.50		-0.25	
			-1	0.80			0.90		-0.72	
			-1	0.70			1.10		-0.77	
			-1	0.90			1.00		-0.90	
			-1	0.70			0.80		-0.56	
			-1	1.00			0.90		-0.90	
			-1	0.90			0.90		-0.81	
			-1	1.50			0.70		-1.05	
			-1	0.90			1.00		-0.90	
			-1	0.90			0.80		-0.72	
			-1	1.00			0.80		-0.80	
			-1	0.90			0.60		-0.54	
			-1	1.00			0.90		-0.90	
			-1	0.60			0.50		-0.30	
			-1	0.90			0.80		-0.72	
			-1	1.00			1.90		-1.90	
			-1	0.80			0.70		-0.56	
			-1	0.70			0.60		-0.42	
			-1	0.80			0.70		-0.56	
			-1	1.30			1.00		-1.30	
			-1	0.60			0.80		-0.48	
			-1	0.70			0.70		-0.49	
			-1	0.60			0.80		-0.48	
			-1	0.70			0.80		-0.56	
			-1	0.70			0.80		-0.56	
			-1	0.70			0.90		-0.63	
			-1	0.90			0.80		-0.72	
			-1	0.70			0.60		-0.42	

TEJUS CONSULTANTS
Consultant

Assistant Engineer
AE(W)

Assistant Executive Engineer
Assistant Executive Engineer
Kodigehalli Sub Division
Bangalore Mahanagara Palike

Of work : - Improvements to Roads and Drains at Yashodha Nagar,Jakkur Plantation and unding Areas in Ward No 7 Thanisandra, Byatarayanapura Sub Divison.

Description Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
			-1	0.60			0.50		-0.30	
			-1	0.80			0.60		-0.48	
			-1	0.80			0.70		-0.56	
			-1	0.80			0.70		-0.56	
			-1	0.70			0.60		-0.42	
			-1	0.80			0.70		-0.56	
			-1	0.80			0.80		-0.64	
			-1	0.70			0.90		-0.63	
			-1	0.80			0.70		-0.56	
			-1	0.80			0.80		-0.64	
			-1	0.90			1.10		-0.99	
			-1	0.80			0.80		-0.64	
			-1	0.60			0.70		-0.42	
			-1	0.70			0.70		-0.49	
			-1	0.60			0.50		-0.30	
			-1	1.10			1.20		-1.32	
			-1	1.00			1.00		-1.00	
			-1	0.70			0.70		-0.49	
			-1	0.80			0.90		-0.72	
			-1	0.80			0.80		-0.64	
			-1	0.80			0.70		-0.56	
			-1	0.70			0.70		-0.49	
			-1	0.90			0.90		-0.81	
			-1	1.00			0.90		-0.90	
			-1	1.10			1.00		-1.10	
			-1	0.80			0.70		-0.56	
			-1	1.20			1.30		-1.56	
			-1	0.80			0.80		-0.64	
			-1	0.60			0.80		-0.48	
			-1	0.70			0.70		-0.49	
			-1	0.80			0.80		-0.64	
			-1	1.00			1.00		-1.00	
			-1	1.20			1.10		-1.32	
			-1	0.60			0.60		-0.36	
			-1	0.80			0.70		-0.56	
			-1	0.70			0.50		-0.35	
			-1	0.70			0.70		-0.49	
			-1	0.60			0.60		-0.36	
			-1	1.00			1.00		-1.00	
			-1	0.70			0.70		-0.49	
			-1	0.60			0.80		-0.48	
			-1	0.60			0.60		-0.36	
			-1	1.30			0.80		-1.04	

TEJUS CONSULTANTS
Consultant

Assistant Engineer
AE(W7)

Assistant Executive Engineer
Kodichikkanahalli Sub Division
Bruhat Bengaluru Mahanagara Palike
Bangalore - 560 092

Of work : - Improvements to Roads and Drains at Yashodha Nagar,Jakkur Plantation and nding Areas in Ward No 7 Thanisandra, Byatarayanapura Sub Divison.

Description Chainage		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
			-1	0.80			0.90		-0.72	
			-1	0.60			0.60		-0.36	
			-1	0.50			0.60		-0.30	
			-1	0.80			0.60		-0.48	
			-1	0.60			0.70		-0.42	
			-1	0.60			0.60		-0.36	
			-1	0.60			0.50		-0.30	
			-1	0.40			0.50		-0.20	
			-1	0.70			0.60		-0.42	
			-1	0.70			0.40		-0.28	
			-1	0.60			0.70		-0.42	
			-1	0.70			0.60		-0.42	
			-1	0.50			0.90		-0.45	
			-1	0.70			0.50		-0.35	
			-1	0.60			0.70		-0.42	
			-1	0.70			0.60		-0.42	
			-1	0.50			0.60		-0.30	
			-1	0.60			0.80		-0.48	
			-1	0.70			0.60		-0.42	
			-1	0.70			0.60		-0.42	
			-1	0.50			0.50		-0.25	
			-1	0.50			0.90		-0.45	
			-1	0.70			0.70		-0.49	
			-1	0.60			0.60		-0.36	
			-1	0.50			0.60		-0.30	
			-1	0.50			0.60		-0.30	
			-1	0.50			0.80		-0.40	
			-1	0.70			0.80		-0.56	
			-1	0.70			0.70		-0.49	
			-1	0.70			0.70		-0.49	
			-1	0.90			0.70		-0.63	
			-1	0.70			1.20		-0.84	
			-1	1.20			0.50		-0.60	
			-1	0.80			0.80		-0.64	
			-1	0.70			0.70		-0.49	
			-1	0.70			1.00		-0.70	
			-1	0.80			0.60		-0.48	
			-1	0.60			0.70		-0.42	
			-1	0.80			1.00		-0.80	
			-1	1.20			0.70		-0.84	
			-1	0.60			0.90		-0.54	
			-1	0.90			0.90		-0.81	
			-1	0.90			1.00		-0.90	

TEJUS CONSULTANTS

Consultant

Assistant Engineer
AE(W7)

Assistant Executive Engineer

Assistant Executive Engineer
Kengeri Sub Division
Bangalore - 560 060

0f work : - Improvements to Roads and Drains at Yashodha Nagar,Jakkur Plantation and nding Areas in Ward No 7 Thanisandra, Byatarayanapura Sub Divison.

Description		Side	Nos	L	B1	B2	Avg width	Depth	Quantity	Remarks
Chainage										
			-1	1.00			0.80		-0.80	
			-1	0.70			0.70		-0.49	
			-1	0.70			0.50		-0.35	
			-1	0.60			0.90		-0.54	
			-1	0.90			0.50		-0.45	
			-1	0.50			0.10		-0.05	
			-1	0.60			0.50		-0.30	
			-1	0.50			0.50		-0.25	
							Total Qty		1963.29	Sqm

Consultant

Assistant Engineer

SE(W) 30/4/18

Assistant Executive Engineer

Assistant Executive Engineer
Kadugodi Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092